

In the Claims

Please amend the claims as follows:

1 1. (Original) A foot actuated toilet flushing apparatus comprising:
2 a pedal having a top plate pivotably attached to a base plate;
3 a first roller attached to said top plate;
4 a second roller attached to said base plate;
5 a tank clamp positioned on a backside edge of a tank of a toilet having an
6 internal release means and extending into an interior of said tank;
7 a cable residing in said pedal, extending out said base plate and into said
8 interior of said tank at said backside of said toilet, whereby said cable is
9 held in place by said tank clamp and connected to said internal release
10 means within said tank; and
11 a cable housing encasing at least a portion of said cable,
12 whereby upon applying pressure by foot to said top plate of said pedal, a length of
13 said cable is increased within said pedal and decreased by said length within said
14 interior of said tank to activate said internal release means and effect flushing of
15 said toilet.

1 2. (Original) The apparatus of claim 1 wherein said cable is sequentially
2 positioned extending from said base plate, over said first roller of said top plate,
3 around said second roller of said base plate, extending out at least one opening of

4 said base plate so as to extend into and be encased by said cable housing, said
 5 cable housing exiting said base plate, traveling adjacent said toilet and up the
 6 backside of said toilet and into said tank, said cable housing being held in position
 7 in said interior of said tank via said tank clamp, said cable exiting said cable
 8 housing within said interior of said tank and connecting to said internal release
 9 means within said tank to effect said flushing of said toilet by foot.

1 3. (Original) The apparatus of claim 2 wherein said base plate, having said at
 2 least one opening, comprises a first opening, securing ribs and a second opening,
 3 whereby said cable extends out said first opening, extends into and is encased by
 4 said cable housing, said cable housing being positioned and secured within said
 5 securing ribs and then said cable housing encasing said cable exiting said base
 6 plate through said second opening.

1 4. (Currently Amended) A foot actuated toilet flushing ~~The apparatus of claim~~
 2 ~~1 wherein comprising:~~
 3 a pedal having a top plate pivotably attached to a base plate;
 4 a first roller attached to said top plate and a second roller attached to said
 5 base plate, whereby said first and second rollers each comprise a
 6 hollow cylinder enhousing a spring and a set of pins on opposing sides
 7 of said spring, each of said pins being in contact with said spring at a
 8 first end and being secured in position at an opposing second end to

9 ~~receiving means on~~ opposing sidewalls of each said top plate for said
10 first roller and said base plate for said second roller;
11 a tank clamp positioned on a backside edge of a tank of a toilet having an
12 internal release mechanism and extending into an interior of said tank;
13 a cable residing in said pedal, extending out said base plate and into said
14 interior of said tank at said backside of said toilet, whereby said cable is
15 held in place by said tank clamp and connected to said internal release
16 mechanism within said tank; and
17 a cable housing encasing at least a portion of said cable,
18 whereby upon applying pressure to said top plate of said pedal, a length of said
19 cable is increased within said pedal and decreased by said length within said
20 interior of said tank to activate said internal release mechanism and effect flushing
21 of said toilet.

- 1 5. (Original) The apparatus of claim 4 wherein said top plate is pivotably
2 attached to said base plate, said apparatus further comprising:
3 said base plate having a first and a second opposing upward extending
4 flanges located at a position on said base plate for maximization of
5 cable increase within said pedal;
6 a pivot roller positioned between said first and second opposing upward
7 extending flanges;
8 a spring within said pivot roller;

9 a first pin and a second pin extending in said pivot roller and in contact
 10 with opposing ends of said spring, said first and second pins extending
 11 through said upward extending flanges to contact said top plate; and
 12 said top plate having a first receiving means and an opposing second
 13 receiving means for receiving and securing in position said first and
 14 second pins to pivotably attach said top plate to said base plate.

1 6. (Currently Amended) The apparatus of claim 54 wherein said pedal is
 2 mounted to a floor adjacent ~~an existing~~ a toilet.

1 7. (Currently Amended) The apparatus of claim 65 wherein said pedal is
 2 mounted to said floor by a mounting means selected from the group consisting of
 3 a mounting bracket, a spring clamp, an adhesive, glue, cement, paste, epoxy resin,
 4 bonding agent, double-sided tape, velcro, suction, and non-slip rubber.

1 8. (Original) The apparatus of claim 1 wherein said cable comprises an
 2 impermeable material of sufficient strength, flexibility and durability to endure
 3 pressures applied during use of said pedal.

1 9. (Currently Amended) A foot actuated toilet flushing ~~The apparatus of claim-~~
 2 ~~1 further including comprising:~~
 3 a pedal having a top plate pivotably attached to a base plate;

4 a first roller attached to said top plate;
 5 a second roller attached to said base plate;
 6 a tank clamp positioned on a backside edge of a tank of a toilet having an
 7 internal release means and extending into an interior of said tank;
 8 a cable residing in said pedal, extending out said base plate and into said
 9 interior of said tank at said backside of said toilet, whereby said cable is
 10 held in place by said tank clamp and connected to said internal release
 11 means within said tank;
 12 a cable housing encasing at least a portion of said cable; and
 13 at least two attachment devices ~~swivel hooks~~ attached to an end of said
 14 cable residing in said interior of the tank, a first of said attachment
 15 devices ~~swivel hooks~~ connecting said cable to a weight and a second of
 16 said attachment devices ~~swivel hooks~~ connecting said cable to said
 17 internal release means within said tank,
 18 whereby upon applying pressure to said top plate of said pedal, a length of said
 19 cable is increased within said pedal and decreased by said length within said
 20 interior of said tank to activate said internal release means and effect flushing of
 21 said toilet.

1 10. (Original) The apparatus of claim 9 wherein said weight comprises a rust-
 2 proof material of about 4 ounces to about 16 ounces, and comprises a shape that
 3 prevents entanglement of said weight with interior components of said tank.

1 11. (Currently Amended) The apparatus of claim 9 wherein said tank clamp
2 comprises a material of sufficient rigidity and strength to endure forces applied to
3 said tank clamp during normal working operations of said pedal.

1 12. (Original) The apparatus of claim 11 wherein said tank clamp includes a
2 back flange connected to a front flange via an upper flange that has lateral
3 extensions on opposing sides thereof for stabilizing said tank clamp to said
4 backside edge of said tank and distributing forces applied to said tank clamp
5 during use of said pedal, said back flange is in contact with an exterior of said tank
6 while said front flange is within and in contact with said interior of said tank.

1 13. (Currently Amended) The apparatus of claim 12 wherein said tank clamp
2 further includes at least two outwardly protruding angled sidewall flanges
3 extending from said front flange into said interior of said tank, said outwardly
4 protruding angled sidewall flanges including ~~a plurality of~~ at least one recessed
5 portion ~~portions~~ for receiving said cable housing.

1 14. (Currently Amended) The apparatus of claim 13 wherein said at least one
2 recessed portion receives and secures ~~portions of said tank clamp receive and~~
3 ~~secure~~ said cable housing within said interior of said tank ~~at an angle such that~~

4 said cable extends into said tank in a direction away from sidewalls of said tank
5 and toward said internal release means within said tank.

1 15. (Currently Amended) The apparatus of claim 14 wherein an angled guide
2 ~~guiding means~~ encasing a portion of said cable is received and secured ~~straight~~
3 across said at least one recessed portion of said tank clamp such that said
4 an angle of said angled guide ~~angle pipe extends~~ into said tank to direct said cable
5 in a direction away from sidewalls of said tank and toward said internal release
6 means within said tank.

1 16. (Currently Amended) The apparatus of claim 94 wherein said toilet is
2 selected from the group consisting of a gravity tank toilet, a pressurized tank toilet,
3 and a flush valve operated toilet.

1 17. (Original) The apparatus of claim 16 wherein said internal release means
2 comprises a flapper or a pressurized tank push valve.

1 18. (Currently Amended) The apparatus of claim 94 wherein said pedal is
2 integrally formed with said toilet such that cable housing and cable are invisible to
3 the naked eye.

1 19. (Currently Amended) A foot actuated pedal apparatus comprising:

2 a base plate having at least one opening;
 3 a top plate pivotably attached to said base plate;
 4 a first roller attached to said top plate;
 5 a second roller attached to said base plate;
 6 a cable;
 7 a first end of said cable affixed to a position on said base plate internal to
 8 said pedal; and
 9 a second end of said cable affixed to a flushing release mechanism of a
 10 toilet ~~component of a device~~ external to said pedal,
 11 whereby said cable extends at said first end from said position on said base plate,
 12 over said first roller of said top plate, around said second roller of said base plate,
 13 extending out said at least one opening of said base plate so as to extend into and
 14 be encased by a cable housing, and connecting at said second end to said flushing
 15 release mechanism of said toilet ~~component of said external device~~, such that,
 16 upon pressure applied ~~by foot~~ to said top plate of said pedal, a length of said cable
 17 is increased within said pedal and decreased by said length external to said pedal
 18 to effect flushing of said toilet ~~a working condition of said device~~.

1 20. (Original) The apparatus of claim 19 further including a cable housing
 2 encasing at least a portion of said cable within said pedal whereby said cable
 3 extends out said a first opening of said base plate, extends into said cable housing,

4 and said cable housing encasing said cable exiting at a second opening of said
5 base plate.

1 21. (Currently Amended) A foot actuated toilet flushing ~~The apparatus of claim~~
2 ~~19 comprising:~~

3 a base plate having at least one opening;

4 a top plate pivotably attached to said base plate;

5 a wherein said first roller attached to said top plate having and second

6 ~~rollers each comprise~~ a hollow cylinder enhousing a first spring and a

7 first set of pins on opposing sides of said first spring, each of said first

8 set of pins being in contact with said first spring at a first end and being

9 secured in position at an ~~opposing second~~ opposite end to receiving

10 ~~means on opposing sidewalls of each said top plate for said first roller~~

11 ~~and said base plate for said second roller;~~

12 a second roller attached to said base plate having a hollow cylinder

13 enhousing a second spring and a second set of pins on opposing sides

14 of said second spring, each of said second set of pins being in contact

15 with said second spring at a first end and being secured in position at

16 an opposite end to opposing sidewalls of said base plate;

17 a cable;

18 a first end of said cable affixed to a position on said base plate internal to

19 said pedal; and

20 a second end of said cable affixed to a component of a device external to
 21 said pedal,
 22 whereby said cable extends at said first end from said position on said base plate,
 23 over said first roller of said top plate, around said second roller of said base plate,
 24 extending out said at least one opening of said base plate so as to extend into and
 25 be encased by a cable housing, and connecting at said second end to said
 26 component of said external device, such that, upon applied pressure to said top
 27 plate of said pedal, a length of said cable is increased within said pedal and
 28 decreased by said length external to said pedal to effect a working condition of
 29 said device.

1 22. (Currently Amended) The apparatus of claim 21 wherein said top plate is
 2 pivotably attached to said base plate, said apparatus further comprising:
 3 said base plate having a first and a second opposing upward extending
 4 flanges located at a position on said base plate for maximization of
 5 cable increase within said pedal;
 6 a pivot roller positioned between said first and second opposing upward
 7 extending flanges;
 8 a spring within said pivot roller;
 9 a third set of pins ~~first pin and a second pin~~ extending in said pivot roller
 10 and in contact with opposing ends of said spring, said ~~first and second~~

11 third set of pins extending through said upward extending flanges to
12 contact said top plate; and
13 said top plate having receiving mechanisms ~~a first receiving means and an~~
14 ~~opposing second receiving means~~ for receiving and securing in position
15 said ~~first and second~~ third set of pins to pivotably attach said top plate
16 to said base plate.

1 23. (Currently Amended) The apparatus of claim 21~~19~~ wherein said pedal is
2 mounted to a floor in a position in close proximity to said device.

1 24-30. (Canceled)

1 31. (New) The apparatus of claim 21 wherein said device external to said
2 pedal is selected from the group consisting of a gravity tank toilet, a pressurized
3 tank toilet, and a flush valve operated toilet.

1 32. (New) The apparatus of claim 33 wherein said component of said device
2 comprises a release mechanism selected from the group consisting of a flapper or
3 a pressurized tank push valve.

1 33. (New) The apparatus of claim 21 wherein said pedal is integrally formed
2 with said toilet such that cable housing and cable are invisible to the naked eye.

1 34. (New) The apparatus of claim 1 wherein said pedal is mounted to a floor
2 adjacent a toilet.

1 35. (New) The apparatus of claim 1 wherein said toilet is selected from the
2 group consisting of a gravity tank toilet, a pressurized tank toilet, and a flush valve
3 operated toilet.

1 36. (New) The apparatus of claim 36 wherein said internal release means
2 comprises a flapper or a pressurized tank push valve.

1 37. (New) The apparatus of claim 1 wherein said pedal is integrally formed
2 with said toilet.

1 38. (New) The apparatus of claim 1 further including at least one attachment
2 device within said tank connecting said cable to said internal release means.

1 39. (New) The apparatus of claim 19 wherein said pedal is mounted to a floor
2 adjacent a toilet.

1 40. (New) The apparatus of claim 19 wherein said toilet is selected from the
2 group consisting of a gravity tank toilet, a pressurized tank toilet, and a flush valve
3 operated toilet.

1 41. (New) The apparatus of claim 19 wherein said pedal is integrally formed
2 with said toilet.

1 42. (New) The apparatus of claim 19 wherein said cable is affixed to said
2 flushing release mechanism via an attachment device.